

CLAIMS

1. A kit for the withdrawal of a blood vessel filter of the umbrella type formed by a bush (31) serving as a retaining sleeve for a number of flexible strands (32) which spread apart naturally and end in hooks (33) directed outwards so that they lock onto the wall of a vessel, characterized in that it comprises

5 - a first, so-called "external" catheter (1),
10 - a stem that can be inserted in the external catheter and has, at one of its ends, a number of flexible legs (18) that open out from the stem, spreading apart naturally and ending in hooks (20) directed inwards for grasping the bush (31) of the filter as they close up again.

15 2. A kit according to Claim 1, characterized in that it comprises in addition a second catheter (11), with a diameter such that it can be introduced into the external catheter (1).

20 3. A kit according to Claim 2, characterized in that the stem that can be inserted in the external catheter (1) and with a number of flexible strands (18) at one of its ends, has a length that is greater than that of the second catheter (11) and, prior to its use for grasping the bush (31) of the filter, is installed in a second catheter (11) so that the said flexible strands (18) of the stem are kept closed up.

25 4. A kit according to one of Claims 2 and 3, characterized in that it additionally comprises a third catheter (21), of diameter suitable for introduction into the external catheter (1), the front end (23) of which is closed and chamfered for serving as a dilator during introduction of the assembly consisting of the first catheter (1) and the said third catheter (21) into a vessel.

5. A kit according to Claim 4, characterized in that the third catheter (21) includes at least one device (26) that is detectable from outside the body, located near its front end.

30 6. A kit according to Claim 5, characterized in that the device (26) that is detectable from outside the body can be detected by the same detecting device as the one that can be used for bush (31) of the filter.

Subj 7. A kit according to one of Claims 1 to 6, characterized in that the length of the catheters ranges from 40 to 80 cm.

35 8. A kit according to one of Claims 1 to 7, characterized in that the inside diameter of the catheters ranges from 4.7 mm to 2.3 mm for the external catheter and from 4.0 mm to 1.67 mm for the second catheter.

9. A kit according to one of Claims 5 to 8, characterized in that the device that is detectable from outside the body comprises a ring that is for example radiopaque.

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